

On the Aerobic Decomposition of Cellulose by  
Bacteria: Recent Work, by S. Wonegradsky. 16 pp.  
FRENCH, per, Bulletin Institut Pasteur [Paris],  
Vol 30, 1932, pp 369-379.  
SLA TT-64-10330

Sci/B&M  
Jun 67

327,768

Atmospheric Oxidation of Abietic Acid, by G. DuPont,  
J. Duboué

FRANCE, Rev. Bull. de l'Institut du Pin, No 52,  
Sep 1928, pp 205-207.

S.I.A. Tr. Pool

Scientific - Chemistry  
CTC/DEX

14,307

Oxidation of Abietic Acid by Mercuric Acetate, by  
Georges Rouin

~~FRANCE, par, Bulletin de l'Institut du Pin, No 7,~~  
~~1930, pp 155-157.~~

S.L.A. Tr Pool

Scientific - Minerals/Metals  
OTS/DEK

14,279

Dipinases, by R. Doulou

FRENCH, ~~Doc. Bull. Inst. Pin.~~ No 2, 1931, pp  
159-160, 173-176, 189-200, 219-221.

S.L.A. Tr ~~Popul~~

Scientific - Chemistry

CIS/DEX  
J

14,306

The Chemical Constituents of Slash Pine (Pinus  
Caribaea, Morelet), by J. A. Hall, O. Gisvold

FRENCH, ~~Det.~~ Bulletin de l'Institut du Pin, Vol III,  
No 23-24, Nov/Dec 1956, pp 256-258.

S.L.A. Tr Pool

Scientific - Chemistry

CTS/UX

14,189

Some Nitroated Derivatives of Abietic Acid, by H. M.  
Dubourg

FRESCH, JAC. Bulletin de l'Institut de Pin, No 41,  
Oct 19 7, pp 341-346.

S.L.A. Tr Pool

Scientific - Chemistry  
CTS/DEX

14,305

The Ultraviolet Yield From a Discharge Tube  
by I. Agabekian, H. N. Stanescu, A. Popa, I. V. Stanescu  
9 pp.

ROMANIAN, 1957, Bul Inst Politehnice Bucuresti, Vol. 1, No. 3, 1957.

AEC tr-3899

Sci  
Feb 60

107, 189

Braniste, C., Nichita, O. and Serban, S.  
UTILISATION DES RESIDUS DE  $\text{Na}_2\text{SO}_4$  LORS DE LA  
PREPARATION INDUSTRIELLE DU BICHROMATE  
POUR L'OBTENTION DE SILICATE DE SOUDE  
(Utilizarea Deșeurilor de Sulfat de Sodiu de la Fabricarea  
Bicromatului Pentru Obținerea Silicatelui de Sodiu)  
(Use of Sodium Sulfate Wastes from the Manufacturing  
of Sodium Dichromate, for the Preparation of Sodium  
Silicate). 25p. (foreign text included). 5 refs.  
CNRS-VIII bis 394.  
Order from OTS, ETC or CNRS \$0.95 TT-62-28141

Trans. in French of Institutul Politehnic, Iasi.  
Buletinul (Romania) 1955, v. 1(5) no. 1/2,  
p. 78-88.

DESCRIPTORS: \*Chromates, Production, Wastes  
(Industrial) \*Sodium compounds, Sulfates,  
\*Silicates.

(Chemistry--Inorganic, TT, v. 11, no. 6)

TT-62-28141

- I. Braniste, C.
- II. Nichita, O.
- III. Serban, S.
- IV. CNRS-VIII bis 394
- V. Centre National de la Recherche Scientifique, Paris

Office of Technical Services  
European Translation Centre

nn



Improvements in Turbogenerating Sets With Homopolar  
Generators, in Part I., by G. D'Alben, G. Allincai, et al,  
38 pp.

ITALIAN, per, Bul Inst Politeh Iasi, Vol II, 1956,  
pp 253-272.

AEC HP Tr-876

Sci - Engr  
Jul 62  
List 70

207.5-15

Starzhinski, V. M.  
ON THE STABILITY OF PERIODIC MOTIONS (Ob  
Ustoichivosti Periodicheskikh Dvizhenii, 1). PT. I.  
LINEAR DIFFERENTIAL EQUATIONS OF SECOND  
ORDER AND SYSTEMS OF TWO LINEAR DIFFER-  
ENTIAL EQUATIONS OF SECOND ORDER WITH  
PERIODIC COEFFICIENTS

R. F. Rinehart, tr. 1963, 63p  
Order from AMS in American Mathematical Society  
Translations, 1963, ser. 2, v. 33 (p. 59-121)

Trans. of Inst. Mat. Politehn. (ic) Inst. Bulletin  
(Rumania) 1958, v. 4(8) no. 3/4, p. 19-68.

DESCRIPTORS: Motion, Stability, \*Equations of  
motion, \*Differential equations

(Mathematics, TT, v. 11, no. 8)

TT-64-12646 (p. 59-121)

- I. Title: Luspunov method
- I. Starzhinski, V. M.
- II. Title: Linear...
- III. American Mathematical  
Society, Providence, R.I.

*Amer mat Soc*  
*pp 16-68*

Office of Technical Services

Savin, Ch., Dumitrescu, Svetlana and others.  
ON THE MAGNETIC PROPERTIES OF THE THICK  
LAYERS OF NICKEL DEPOSITED ELECTROLYTI-  
CALLY IN A MAGNETIC FIELD. [1962] 5p.  
Order from K-H 11477

Trans. of Inst[itu]t Politehnic, Iasi. [Bul[etinu]l] ,  
(Rumania) 1959, v. 5(9) p. 3-4.  
Another trans. is available from SLA \$1.10 as  
62-20256 [1962] 5p.

DESCRIPTORS: \*Nickel, Electrodeposition, \*Magnetic  
properties, Magnetic fields.

(Physics--Magnetism, TT, v. 9, no. 9)

62-17612

- I. Savin, C.
- II. Dumitrescu, S.
- III. K-H-11477
- IV. Kresge-Hooker Science  
Library Associates,  
Detroit, Mich.

Office of Technical Services

Starzhinskiĭ, V. M.

ON THE STABILITY OF PERIODIC MOTIONS (Ob  
Ustoičivosti Periodičeskikh Dvizhenii, II) PT. II,  
LINEAR DIFFERENTIAL EQUATIONS AND HIGHER  
ORDER SYSTEMS WITH PERIODIC COEFFICIENTS  
N. H. Choksy, tr. 1963, 65p 146refs  
Order from AMS in American Mathematical Society  
Translations, 1963, ser. 2, v. 33 (p. 123-187)

Trans. of Institutul Politehnic Iași (Bulletin)  
\*Romania) 1959, v. 5(9) no. 1/2, p. 51-100.

DESCRIPTORS: Motion, Stability, \*Equations of  
motion, \*Differential equations, Matrix algebra

(Mathematics, TT, v. 11, no. 8)

TT-64-12646 (p. 123-187)

- I. Title: Lyapunov method
- I. Starzhinskiĭ, V. M.
- II. Title: Linear...
- III. American Mathematical  
Society, Providence, R. I.

Office of Technical Services

(DC-5090)

Soviet Chemical Nomenclature, by Gh. Rozmarin, .  
35 pp.

RUMANIAN, per, Buletinul Institutului Politehnic  
din Iasi, Vol V (IX), Nos 3-4, 1959, pp 177-193.

JPRS 8368

Sci - Chem

155,463

Jun 61

4-18-6

FTD(TDBDE-1)

For D/C

BT66-10-1111F

AUTHORS: CAPPELLAN, W.M.; DINGERKUS, O.; RATH, W.

SOURCE: BULETINUL INSTITUTULUI POLITEHNIC DIN IASI  
SERIE NOUA, VOL 3, Nr 3-4, 1962, pp 19-24

ENGLISH: SQUARING AND MULTIPLYING OF POLYNOMIALS

Contribution to the Problem of Utilizing  
the Waste Liquors From Solvay Soda  
Ash Plants, by C. Leonte.

RUMANIAN, per, Buletinul Institutual  
Politehnic Iasi,

Vol VIII(12) No 3/4 1962, pp 121-128.

ATS 19R76RU

Jun 67

327, 236  
23

The Influence of Ultrasonics on Electrode Processes  
for the Formation of Oxygenated Chlorine Compounds  
on a Rotating Platinum Electrode, by S.Lica and  
G.Tudorache.

RUMANIAN, per, Bul. Inst Politehnic, 1963, vol.25,  
no.2, pp.35-46.

ICE

Chem  
Aug 66

307,790



order from NTC

BULLETIN DE L'INSTITUT R. DES SCIENCES NATURELLES  
DE BELGIQUE  
1956 VSE N21 P1-30 70-21101 (C)

Contribution to the Study of the Fauna of  
Afghanistan. 2a. Acarines Collected in the  
Underground Domain, by J. Coorman, 4 pp.

FRANCE, par, Bull Inst Roy Sci Nat Belgique,  
Vol XXXVI, No 12, 1960, pp 10-15. [Partial  
Translation].

NIR 4-50-02  
(Loan)

1960, 1961

Sci - Gen

Jan 62

TRI 63-26

Direct Study of the Contamination of Soils in Place  
by the Autoradiographic Method, by P. Bovard, A.  
Grauby.

FRENCH, per, Bull Inst Sci et Tech, No 53, 1961,  
pp 2-6.

\*ABC

Sci - Biol  
Aug 62

On the Terms of Application of Pearson's  
Chi-Square Criterion, by A. Vassierou.  
FRENCH, per. Bulletin de l'Institut International  
de Statistique, Vol XXVI, No 3, 1958, pp 87-101.  
NIH 6-1-64

Sci - Biol & Med  
Aug 64

264,274

Analysis of the Morphological Potential and a Plan for a  
New Classification of the Peltari, by R. Verheyen.  
FRANCE, par. Bulletin de l'Institut Royal des Science  
Naturelles de Belgique, Vol XXXII, No 55, 1956,  
pp. 1-49.  
CSRO/No. 6218

Sci - Biol/Med  
Apr 64

254,583

General Perturbations of the Elements of  
Artificial Lunar Satellites, by V. A. Brumberg,  
37 pp.  
RUSSIAN, per, Bulleten' Instituta Teoretiche-  
skoy Astronomii, Vol VIII, No 10 (103), 1962,  
PP 705-732. P500018968  
Dept of Navy/NIC Trans No 2492

Sci-Space Tech  
Feb 68

350,629

Ivanov, N. and Schneider, R.  
A CELL WITH CIRCULATING BATH FOR MICRO-  
SCOPIC STUDY OF THE PHENOMENA OF DYEING  
FIBERS. [1961] 12p. 5 refs.  
Order from SLA \$1.60

61-20713

Trans. of an unidentified article from Institut Textile  
de France. (Bulletin, n.d., n.v.)

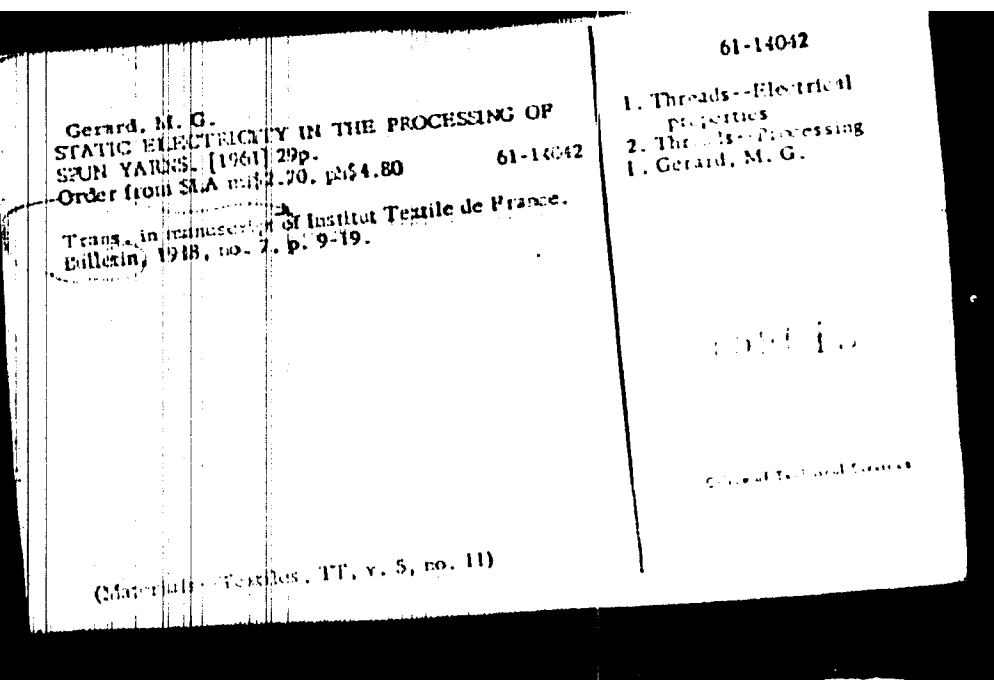
DESCRIPTORS: \*Textile industry, \*Synthetic fibers,  
Production, \*Dyeing, \*Microscopic analysis, Tempera-  
ture, \*Wet cells, Electrical equipment, Chemical  
analysis, Pipettes

A cell is described that can serve for study of the  
action of any reagent on textile fibers or even, after  
modification on objects other than fibers. It can be  
placed on a hot stage (the Eisenberg type of Leitz for  
example), which allows study at different tempera-  
(Materials--Textiles, TT, v. 7, no. 5) (over)

61-20713

I. Ivanov, N.  
II. Schneider, R.

Office of Technical Services





Roehrich, O.  
THE MATURATION OF COTTON: ITS CONTROL,  
ITS IMPORTANCE. [1952] 17p.  
Order from ELA no. 12.40, p. 3.30

61-14043

Trans. of Institut Textile de France, Bulletin, 1950,  
no. 17, p. 9-32.

(Materials--Textiles, TT, v. 5, no. 11)

61-14043

1. Cotton textiles--Processing  
1. Roehrich, O.

Hygroscopic Conditioning of Textiles, by E. Burlat.

FRENCH, per, Bulletin de l'Institut Textile de  
France, No 18, 19, Apr, Jun, 1950, pp 33-49,  
44-51.

CONFIDENTIAL  
CONF-231

Western Europe - Economic

Jan 1952 CTB

16,802

The Behavior of Textiles in the Limit of  
Acoustics. II. Study of the Acoustic  
Properties of Textiles in the Domain of  
Pulse Absorption, by B. Bonnet.  
FRENCH, par, Bull. Inst. Textile France,  
Vol 19, No 119, pp 535-578; No 220,  
pp 725-739.  
Chem Trans Sv 2616

326,348

Sci - Physics  
May 67

Contribution to the Study of Chlorite Bleaching  
of Cellulose Fibres, by J. Maybeck.

FRENCH, per, Bull Inst Textil France, No 26,  
1951, pp 23-64.

INSDOC-72148

Sci - Chem

Jun 59

89,558

Determination of the Threshold Values of Attack  
on Cellulose by Sodium Chlorite Solutions in  
Acid Medium, by E. F. Kocher.

FRENCH, per, Bulletin Institut Textile  
de France, Vol XXXI, 1952, pp 19-90.

CSIRO

Sci - Chem

Mar 62

188,503

Testing the Resistance to Corrosion of  
Different Materials, Vis-a-Vis Chlorite  
Soda Liquors, Capable of Being Used  
by Textile Industry, by Nrybeck and Ivanov.

<sup>2</sup>  
FRENCH, per, Bull Inst Text France, 195<sup>A</sup>,  
p 23 and 1952, p 7.

~~IS~~DOC-T2137

Sci

Aug 58

72,506

Quintelier, G.  
AN INTERPRETATION OF THE MEASUREMENT OF  
SLIVER, ROWING, AND YARNS. [1961] 19p. (1 fig.  
refs. omitted).  
Order from SLA no. 1.40, p. 53.30

61-140

Trans. of Institut Textile de France. Bulletin 19...  
no. 30, p. 57-53.

61-14044

1. Textiles--Processing  
1. Quintelier, G.

1. D. M. 1. 1

Office of Technical Services

(Materials--Textiles, TT, v. 5, no. 11)

order from NTC

BULLETIN DE L'INSTITUT TEXTILE DE FRANCE

1952 N30 P379-386 78-23276 (C)

1952 N30 P467-476 78-23277 (C)

1952 N30 P13-34 78-23278 (C)



Pat. J. B.  
FIREPROOFING OF FABRICS OF COTTON, RAYON,  
AND OTHER CELLULOSIC FIBERS BY TREAT-  
MENT WITH ALKANOLAMINE SULFAMATES. [1961]

1p, 2 refs.

Order from SLA md\$1.80, pt\$1.80

61-14045

Partial trans. of Industrie Textile de France. Bulletin,  
1952, no. 30, p. 405-414.

61-14045

1. Textiles--Fireproofing  
1. Pat. J. B.

151720

Office of Technical Services

(Materials--Textiles, TT, v. 5, no. 12)

Decatizing Wool Textiles, by M. Van Oberbeke.

FRENCH, par, Bulletin de l'Institut Textile de  
France, No 38, 1953, pp 7-20.

C. S. I. R. O. T4301

Sci

May 60

115,686

Sarella, Alberto.

TWO PROCEDURES FOR THE MEASUREMENT OF  
FABRIC EVENNESS AND PRELIMINARY RESULTS.  
[1961] [7]p. (3 figs. omitted) 6 refs.

Order from SLA m\$1.80, pt\$1.80

61-14046

Trans. of Institut Textile de France. Bulletin, 1963,  
no. 40, p. 63-74.

61-14046

1. Threads--Measurement
1. Sarella, A.

151768

Office of Technical Services

(Materials--Textiles. TT, v. 3, no. 12)

The Development of a Method of Bleaching Wool With Chlorite, by C. Schirle, J. Maybeck.

FRENCH, per, Bull Inst Textile France, No 45, pp 31-62, No 46, pp 29-68.

INSDOC-42139

Sci  
Aug 59

94,536

Barella, Alberto.  
NEW DATA ON THE FIBROSITY COEFFICIENT OF  
FIBERS. (1961) 6p. (1 fig. omitted) 5 refs.  
Order from SLA \$1.10 61-14516

Trans. of Institut Textile (de) France. Bulletin  
1954, no. 46, p. 69-75.

DESCRIPTORS: \*Fibers, Surface properties.

(Materials--Textiles, TT, v. 6, no. 1)

61-14516

1. Title: Fibrosity  
1. Barella, A.

16172

Office of Technical Services

New Concepts Relating to the Hairness of Yarns, by  
A. Barella.

FRENCH, per, Bull Inst Textile de France, Vol  
XLV, 1955, pp 45-53.

CSIRO-2938

Sci

Aug 59

95,396

Influence of the Degradation of Wool on the Fastness  
of Dyes to Various Wet Treatments, by M. V.  
Overbeke.

FRENCH, per, Bull Inst Textile, France, No 58, 1956,  
IP 49-56.

CSIRO-3149

Sci

Jul 59

92,701

Rochas, Paul  
CHEMISTRY OF THE DEGRADATIONS OF CELLULOSE [1961] 40 p 19 refs  
Order from SLA \$3.60 61-1673

Trans. of Institut Textile de France] Bulletin] 1957,  
no. 65, p. 157-161

DESCRIPTORS: \*Cellulose chemistry, \*Cellulose,  
Hydrolysis, Oxidation

Theoretically, there are 3 chemical mechanisms of cellulose alteration: (1) acid hydrolysis, involving breakage of the 1-4 acetalic bonds and multiplication of the terminal aldehyde functional groups, (2) oxidation, without macromolecular chain breakage, of alcohol functions in the aldehyde, ketone, or acid state and oxidation of 1-4 acetal functional groups in the ester function state, and (3) hydrolysis reactions caused by alkalis present in 1-4 acetalic bonds adjacent to ketone functions in position 3 as well as with (Chemistry--Organic, TT, v. 6, no. 7) (over)

61-1673

P. Rochas, P

1 2 1 1

Office of Technical Services



Felting Properties of Wool and Animal  
Hair, by M. Leveau.

FRENCH, per, Bull de l'Institut Textile  
de France, Vol LXVII, 1957, pp 19-35.

CSIRO 4705

Sci - Engr  
Jul 62

204.870

Dynamometric Study of Textiles by Means of  
an Electronic Integrator-Differentiator, by  
J. Grignat, P. Monfort.

FRANCE, per, Bulletin de l'Institut Textile  
de France, Vol LXIX, 1957, pp 31-48.

CSIRO 3946

Sci. Electron  
May 62

198, 46.

Cohesion Of Worsted Yarns and Other Fibres by  
A. Barella.

FRENCH, per, Bulletin de L'Institut Textile de  
France, No 74, 1958, pp 47-71.

CSIRO Tr 4219

Oct. 62

Pariset, A.  
THEORY OF WEAR. Pt. I of Wear-Resistance of  
Cotton and Linen Fabrics. [1961] 26p.  
Order from SLA \$2.40 61-14974

Trans. of (Institut Textile de France). Bulletin, 1958,  
no. 75 [p. 7-25].

DESCRIPTORS: \*Cotton textiles, \*Textiles, Textile in-  
dustry, Mechanical properties, Chemical properties,  
Fibers, Deformation.

From a qualitative point of view, the theory outlined  
makes it possible to characterize the mechanical be-  
havior of a fabric from the mean load-stretch curve of  
its fibers, and from the mean deformation imposed on  
them by the construction of the fabric. It thereby per-  
mits us to define purely mechanical wear as the loss of  
mechanical resistance with no appreciable variation in  
the load-stretch curve, and purely chemical wear as  
the loss of mechanical resistance resulting from the  
(Materials--Textiles, TT. v. 4, no. 8) (over)

61-14974

I. Parisot, A.  
II. Title: Wear-Resistance...

180438

Office of Technical Services

TT-65-14191

Field 11E

Iwanow, N.; Schneider, R.

A CELL WITH CIRCULATING BATH FOR MICROSCOPIC  
STUDY OF THE PHENOMENA OF DYEING FIBERS,  
12p, 5 refs.

Order from SLA: \$2.60 at TT-65-14191

Trans. of Institut. Textile de France, Bulletin, n78 p27-36  
1958.

MI 67

A Technique for Obtaining Longitudinal Sections of  
Textile Fibers, Plastic Films, and Other Objects,  
by N. Iwanow, R. Schneider,

FRENCH, par, Bull Inst Textile France, No 77,  
1958, pp 55-62.

ATB 354-FJ

Sci - Chem

Aug 60

123,335

Experimentation on the Diffusion of Dyes, by  
R. E. Peters, J. H. Petropoulos, 21 pp .

FRENCH, par, Bull Inst Textile France, No 84,  
1955, pp 19-68. 9089552

ABC Tr-5091

Sci - Chem  
Jul 62

204.703

NEW DEVELOPMENTS IN THE MANUFACTURE OF  
SPECIAL SYNTHETIC YARNS. [1961] 14p. 28 refs.  
Order from RIS \$27.50 RIS D-661

Trans. of Institut Textile de France, Bulletin  
1959, no. 82, p. 118-125.

(Materials--Textiles, TT, v. 5, no. 6)

61-12517

- I. Synthetic fibers--  
Development
- I. RIS D-661
- II. Research Information  
Service, New York

Office of Technical Services



Fibre Arrangement in Card Slivers and Its Influence  
on the Subsequent Operations, by M. Nutter.

FRENCH, per, Bulletin Instit Textile de France,  
No 91, 1960, pp 45-70.

CSIRO 5504

Sci  
Dec 62

Contribution to the Study of the Hairness of  
Cotton Yarn, by  
FRENCH, per, Institut Textile de France.  
Bulletin, No 94, 1961, pp 33-64.  
ITC-71-10785-11E

Nov 71

Contribution to the Study of Absorption in Textile Fibres, by  
J. G. Gilbert, J. P. Rempp, and  
P. H. Ples, Revue de Chimie Industrielle, Paris, No 99, 1962,  
pp 205-213.

**CMRO/No 6206**

1000

Feb 64

**250,513**

Changes Produced in Polyamides by Chemical  
and/or Physical Processes. I. Study of the  
Degradation Products of Secondary Diamides,  
by A. Cannepin, A. Baulenas.

FRENCH, Bulletin, Inst Textile de France,  
No 101, 1962, pp 641-651.

CB/Z56/T.1506

Sci-Chem

Aug 63

342,029

Polynosic Fibers. Part I. Introduction to  
the Work of the Textile Institute of  
France on Polynosic Fibers, by N. Drisch,  
R. Priou.

FRENCH, per, Bulletin Inst Textile de  
France, No 101, 1962, pp 667-681.

NTC 69-12632-11E

Sci-Mat

Aug 69

389,438

IS THERE AN OPTIMUM BOBBIN SIZE FOR RING-  
SPINNING MACHINES (Existe-t-il un Format Optimum  
de Bobine de Continua Filer 7). [1961] [18]p. (foreign  
text included) 9 refs.

Order from SLA \$1.60

61-14517

Trans. of Institut Textile de France Bulletin  
1960, no. 87, p. 69-81.

DESCRIPTORS: Textile industry. \*Threads. \*Machines

61-14517

1. Title: Bobbin size
2. Title: Ring-spinning
3. Title: Spinning

185376

(Materials--Textiles, TT, v. 6, no. 9)

Office of Technical Services

Diemunsch, J. and Chabert, J.  
ANTISTATIC OILING DEPOSITED ON SYNTHETIC  
FIBERS, 30 Jan 63 [87], 37 refs.  
Order from SLA \$8.10

63-18346

Trans. of Inst[itut] Textile de France, Bulletin 1962,  
no. 102, p. 887-944.

DESCRIPTORS: \*Fibers (Synthetic), Textiles, Electro-  
statics, Static electricity, \*Resistance (Electrical),  
\*Humidity, Filaments, Stretch forming, Rupture,  
Surfaces, Oils, Films, Deposits, Lubricants, Sizing,  
Sorption, \*Polyamide plastics.

The study of the variation of the ratio of electric re-  
sistances of finished yarns as a function of relative  
humidity, the draw ratio of which is known, is  
interesting from several aspects: (a) It shows that in  
order to identify the presence of nonsubstantive  
(Materials--Textiles: TT, v. 10, no. 10) (over)

63-18346

I. Diemunsch, J.  
II. Chabert, J.

Office of Technical Services

**POLYNOSC FIBERS. V. CRYSTALLINITY AND  
ACCESSIBILITY OF POLYNOSC FIBERS. [1963]**

[33]p. 31 refs.

Order from SLA \$3.60

63-18296

Trans. of Institut Textile de France. [Bulletin] 1962,  
no. 102, p. 945-962.**DESCRIPTORS:** \*Fibers (Synthetic), \*Cellulosic  
plastics, Rayon fibers, \*Celluloses, Viscose, Crystal  
structure, Crystal lattices, Transformations,  
Mechanical properties, Chemical analysis.

It is shown that polynosc fibers are characterized by  
a clearly more organized structure than the classical  
viscose fibers and that this structure imparts them  
an excellent resistance to alkali. (Author)

(Materials--Textiles, TT, v. 10, no. 11)

63-18296

1. Title: Polynosc fibers

1. Title: Crystallinity...

Office of Technical Services



Jacquemart, J.  
POLYNOSIC FIBERS. VI. OPTICAL ANISOTROPY OF  
CELLULOSTIC FIBERS. [9 Apr 63] [18]p. (figs.  
omitted) 10 refs.  
Order from SLA \$1.60

63-18361

Trans. of Institut Textile de France. Bull[etin] 962,  
no. 102, p. 965-975.

DESCRIPTORS: \*Cellulose, \*Fibers (Synthetic), \*Rayon,  
\*Viscose, \*Fibers (Natural), \*Cotton textiles, Optical  
properties, \*Anisotropy, Refractive index, Sodium com-  
pounds, Hydroxides.

On the basis of the known optical characteristics of  
cellulose fibers, the material can be classified. The  
measurement of birefringence taking into account the  
internal structural transformations which are produced  
by certain treatments show clearly the special prop-  
erties of each of the different cellulose fiber groups  
(Materials--Textiles, TT, v. 10, no. 11) (over)

63-18361

- I. Title: Polynosic fibers
- I. Jacquemart, J.
- II. Title: Optical...

Office of Technical Services

Protection of the Mechanical Properties of Wool by  
the Use of Formaldehyde in Dyeing Operations at  
High Temperatures, by P. Kouchel, et al.  
FRENCH, par. Bulletin de l'Institut Textile de France,  
No 103, 1962, pp 1155-1171.  
CSIRO No 6563

Sci - M/M  
Apr 64

257,287

Studies on Polynosic Fibers. Part III.  
Section VII. Infrared Spectrographic  
Study of Polynosic Fibers and Their  
Comparison with Other Cellulose Fibers,  
by P. Bouriot.

FRENCH, per, Bulletin Inst: Textile de  
France, No 103, 1962, pp 1197-1214.

NTC 69-12633-11E

Sci-Mat  
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Freitag, R.  
NEW DEVELOPMENTS IN THE AREA OF SODIUM  
BROMIDE DESIZING. [Jan 64] 12p  
Order from ATS \$12.25

ATS-12Q74P

Trans. of Institut Textile (de) France. Bulletin  
1963, v. 17, no. 100, p. 541-556.

DESCRIPTORS: \*Textiles, Fibers, Processing.  
Sodium compounds, Bromides, \*Sizing.

(Materials--Textiles, TT, v. 11, no. 10)

TT-64-12412

- I. Freitag, R.
- II. ATS-12Q74P
- III. Associated Technical  
Services, Inc.,  
East Orange, N. J.

Office of Technical Services

62-10394

Gilard, P.  
SUPERFICIAL TENSION OF MOLTEN SILICATES.  
Feb 47 [16]p. (13 figs. 2 tables omitted) 6 refs.  
Order from SLA \$1.60

62-10394

Trans. from Institut du Verre. Bulletin (France)  
1946, no. 2.

DESCRIPTORS: \*Silicates, \*Melting, \*Glass, Manu-  
facturing methods.

I. Gilard, P.

Office of Technical Services

(Unannounced)

Weyl, W. A.  
A FEW ASPECTS OF THE SURFACE CHEMISTRY  
OF GLASS. [1962] 27p.  
Order from SLA \$2.60

62-18142

Trans. of Institut du Verre. Bulletin (France) 1946,  
no. 3, p. 1-10.  
An abstract trans. is available from SLA \$1.10 as  
62-16754 [1962] [1]p.

DESCRIPTORS: \*Glass, Surface properties, Adsorption,  
Silicates, Atomic structure, X-ray diffraction analysis,  
Crystal structure, Ions, Ion exchange, Sodium,  
Hydrogen, Silver, Copper, Zirconium, Water.

The surface condition of glass is modified by the migra-  
tion of alkaline ions. These surface alkaline ions may  
be eliminated by the action of furnace gases, or by a  
treatment with metakolin (knohin calcined to 600°). By  
(Materials--Ceramics, TT, v. 10, no. 2) (over)

62-18142

I. Weyl, W. A.

Office of Technical Services

Jebsen-Marwedel, H. and Dinger, K.  
 IMPORTANCE OF SURFACE TENSION IN THE  
 MELTING OF GLASS (Rôle de la Tension Superficielle  
 dans la Fusion du Verre). [1960] [18p. (foreign text  
 included) (i) refs.

Order from SLA ref \$2.40, ph \$3.30

60-18772

Trans. of Institut du Verre. Bulletin (France) 1966,  
 no. 5, p. 15-21.

Tests show that the disappearance of the striae of lower  
 tension than that of the surrounding medium as well as  
 the existence of defects in the boundary surfaces are  
 due to the surface tension. A cullet of a higher surface  
 tension than that of the composition glass should not be  
 used when melting glass. The considerable influence  
 is shown of the reducing atmosphere of the furnaces on  
 the surface tension of the vitreous mass and on the dis-  
 placement of the layers, by which it is possible in the  
 manufacture of amber yellow glass, to obtain a regular  
 coloration. (Author)

(Materials - Ceramics, TT, v. 5, no. 2)

60-18772

65-12548

- I. Glass-Melting
- I. Jebsen-Marwedel, H.
- II. Dinger, K.

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Investigations on the Influence of Heparin on  
the Growth of Transplantable Sarcomata, by  
Z. Zakrzewski, 25 pp.

POLISH, per, ~~Bull Intern Acad Poign Sci Classe~~  
a Med, 1932, pp 239-258.

SLA Tr 2463

52,935

Sci - Biology  
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Nikolic, Stanko

Determination of Geologic Age of Igneous Rocks by  
Radioactive Methods.

FRENCH ~~SEBRO-CROATIAN~~ Bulletin  
bk, International de l'Academie des  
sciences et des beaux arts, 1955, Nouvelle serie, book,  
13, pp. 17-27.

\*EL 480  
AEC-tr-4329

1961

The Social and Cultural Situation of Foreign  
Refugees in the German Federal Republic, by  
Dr Rudolf Wierer, 24 pp.

GERMAN, par, Integration -- Bulletin International,  
No 4, 1975, Munich, Mail to Deep P-79, Munich.  
CIA 4015325

Dept of State

42,867

Wier - Germany  
Eber - Sov Bloc  
Political - Refugees  
Jan 57 OIS

order from NTC

BULLETIN DU JARDIN BOTANIQUE DE GUYENNE  
1925 53 V7 P423-443 78-23112 (c)

Religious Beliefs of the Bayaka, by F. Grevillasse,  
19 pp.  
FRENCH, rpt. Bulletin des Juridictions Indi-  
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Elisabethville, 1987, 1988, pp 5-16.  
JPRS 25384

WH-France  
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Jul 64

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Tests on the Regulation of the Oxygen Content  
of Coke Ovens Waste Gases, by M. Meunier.  
FRENCH, per, Bull. Lias. Cokeries, No 13, 1963,  
pp 31-34.  
CRL/T.2149

Sci -  
Jul 67

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UNCLASSIFIED

FRENCH, book, Bulletin de Liaison et de Documentation, pp 58-81, 99, 100, 146-159, publ by Secretariat General a l'Aviation Civile at Commerciale, Encl to IR-2301-55.

AF 671007

Cold-Polymerised Nitrile Rubbers, by C. Thelamon-Meynard, 10 pp.

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SLA 59-18718

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Vol. III, No 9

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Hydration of Cement, by Daulynsky, 16 pp.

FRENCH, per, Bull Liège U Centre d'Etudes,  
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Fluviale, Vol VI, 1953, pp 99-232. (Partial Trans)  
(pp 206-226).

SIA 60-18331

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Sci  
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Vol 4, No 12.



Dantinne, R.  
STATIC AND DYNAMIC MODULI OF ELASTICITY  
OF CONCRETE AND MORTAR STRENGTH IN COM-  
PRESSION AND TENSION. [1961] 3p.  
Order from SLA \$1.10 61-10803

Partial trans. (p. 165-167) of [Liège Université].  
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ques [des Constructions] du Génie Civil et d'Hydrau-  
lique Fluviale. Bulletin (Belgium) 1956, v. 8  
[p. 155-170].

DESCRIPTORS: \*Concrete, \*Mortar, Mechanical  
properties, Stresses.

(Materials, TT, v. 6, no. 4)

61-10803

I. Dantinne, R

177621

Office of Technical Services

The Supreme Court of Madagascar, by Paulin Baptiste,  
14 pp.

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Sept, 64, pp 661-672.

JPRS 27608

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Mollard, Henri.  
INFILTRATION OF THE SYMPATHETIC GANGLIA IN  
THE TREATMENT OF PULMONARY TUBERCULOSIS.  
[1954] 3p.

Available on loan from SLA

61-16851

Trans. of Bulletin Medical (France) 1939, v. 53,  
p. 607-608.

DESCRIPTORS: \*Pulmonary tuberculosis. \*Ganglia.  
\*Autonomic nervous system. \*Procaine. \*Stellate  
ganglia

(Unannounced)

PB-

61-16851

H. Mollard, H

184039

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Mechanism of Penicillin Lysis in Vitro, by G. C.  
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575.

SLA 58-415

Sci

Aug 59

95, 166

Hamburger, Jean, Crozier, Jean, and Mathe, Georges.  
**INTEREST AND SIGNIFICANCE OF MEASUREMENT  
OF THE OSMOTIC PRESSURE OF THE BLOOD  
PLASMA** (Intérêt et Signification de la Mesure de la  
Pression Osmotique du Plasma Sanguin). 21 May 59,  
24p. (4 figs. refs. omitted).  
Order from SLA \$2.60

61-16461

Trans. of Société Médicale des Hôpitaux de Paris.  
Bulletin et Mémoires (France) 1950 (ser. 4, v. 66)  
no. 33/34, p. 1701-1716.

**DESCRIPTORS:** \*Blood plasma, \*Osmotic pressure,  
Measurement, \*Kidneys, Pathology, \*Metabolism,  
Electrolytes (Physiology), Body Fluids

Elevation of the "effective osmotic pressure" may  
indicate renal insufficiency. A lowering of the pressure  
is encountered especially in states involving a loss  
of electrolytes, and in the course of fluid overloads  
such as those observed in anuria.

(Biological Sciences--Pathology, TT, v. 6, no. 5)

61-16461

I. Hamburger, J.  
II. Crozier, J.  
III. Mathe, G.

160460

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Painful Rachidial Osteoporosis of Woman After  
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No 6, 1974, pp 130-131.

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Aug 1976 OTH/Gen

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Chronic Nephritis and Pregnancy, by D. Fritel, 6 pp.

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M. S. Morestin, 10 pp.

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ACSI J-8113

ID 2204003870

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Apr 70

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Ganglionic hypertrophy in Chronic  
Myelogenous Leukemia, by T. Saragosa,  
et al.  
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Vol 15, 1931, pp 1-4.  
HEW NIH 9-11-65

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Autotransfusion of Washed Corpuscles as a Blood  
Washing Procedure in Toxemia. Heterotransfusion  
of Washed Corpuscles in Anemia, by C. Fleig.

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Vol 1, 1909, pp 4-9.

NEW NIM 8-12-66

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The Ocular Complications of the Onchocerciasis,  
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11: 231-257, 1963.

Dept H&M, NIH 8-24-65

Sci-Biol & Med  
Oct 65

290,305

New Observation of Aphasia Produced by a Lesion  
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Cerebral Convolution, by Paul Broca.

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Anatomique de Paris, Vol XXVI, 1861, pp 398-407.

MM 2-37-53

Sci - Biol/Med Sci

May 63

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Operation for Ptosis by Tarsal Graft of A Medial  
Strip of the Tendon of the Superior Rectus Muscle:  
Three New Cases, by Ernst Motaïs. 8p.  
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SLA TT-61-10927

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Jul 66

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Vision, by B. L. Dupuy. 6 pp.  
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pp 60-65.  
SLA TT-61-14158

Sci/B&M  
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1938 V51 P530-561 78-20010 <\*>  
1951 V64 P4-5 78-12702-00E <\*>

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S.L.A. Tr 988/56

Sci - Medicine  
Sep 56 CTS

39,095



Bio Lab. T-484-1

R-7794-D  
7 Dec 66

Premier cas africain de Sporotrichose dela beurmanu

By: J. CAROUGEAU

From: Bull. et mens. Soc. med. d. Hosp. de Paris 28:

507-10, 1909

( 4 pp )

French - est for wls:

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T-484-1

Bio Lab. T-482-1

R-7752-D

28 Nov 66

Transmission of Sporotrichose a l'homme par les morsures  
d'un rat blanc inocule avec une nouvelle variete de  
sporotrichum. Lymphagite gommeuse ascendante

By: M. E. Jeanselme and M Paul Chevallier

From: Bull. Mem. Soc. Med. Hop, Paris 31:287-301, 1911

( 15 pp)

French - est for wds:

Translate and type 1 camera ready copy. Document can be  
cut. Typing instructions and sample cover attached.

T-482-1.

Hereditary Craniofacial Dysostosis, by M. O. Crouzon.  
11 pp.

FRENCH, per, Bull et Memoires de la Soc Med des  
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SLA 57-3162

NIH 12-37

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Sci - Med

Jan 58

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[illegible]

General Method of Radiological Exploration by  
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NIE 9-17-62

Sci - Med

Dec 62

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Subacute Nephritis. Anuria and Death Following  
Repeated Ingestion of Small Doses of Subacetate  
of Lead, by F. Rathery, R. Michel.

FRENCH, per, Bull et Mem Soc Med des Hopit  
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\*Dept of Navy/AMS

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Complete Atrioventricular Block. Its Causes  
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FRIEDMAN, par, Bull et Memoirs, Vol CXXI, NO  
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REF: 8-20-64

LOHN

Sci

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61-16844

Langeron, L.  
ON THE MECHANISM OF DEATH AFTER STELLATE  
INFILTRATION: PROBABILITY OF INTRA SPINAL  
INJECTION. [1961] 2p.  
Available on loan from SLA

61-16844

Trans. of Société Médicale des Hôpitaux de Paris.  
Collectins et Mémoires (France) 1963, ser. 3, v. 39,  
no. 13/14, p. 167-168.

DESCRIPTORS: \*Stellate ganglia, \*Asthma, \*Spinal  
cord, \*Anesthetics

I. Langeron, L.

177675

Office of Technical Serv

(Biological Sciences--Neurology TT, v. 6, no. 4)



Subacute Nephritis: Azuria and Death following Repeated  
Ingestion of Small Doses of Sub-acetate of Lead,  
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FRENCH, par, Bull et Mem Soc Med des Hopit de Paris,  
Vol XLVII, 1928, pp 963-973.

\*Dept of Navy/TMC

Sci- BLM  
Nov 68

Agency: HEN/FMA

R-12955-D

P.O.No. PLB 2271-71/Call #3

17 March 1971

Title: Les Lésions Osseuses de l'Intoxication  
Chronique par le Cadmium.

Author: P. Nicoud, A. Lafitte, A. Gros, J.-P. Gautier

Source: /Bull. et Mem. Soc. Médicale Hôpitaux Nîm.  
Vol 19, 1962, pp. 201-208

Language: French

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0-8001-0  
21 Apr 67

Coma oxy-carbone avec hyperthermie prolongee

By: Justin-Mesancion, L., Bertrani, I. and Pergola, F.

From: Bull et man. Soc. Med. Hosp. (Paris) 59:

430-32, 1943

( 3 pp )

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